

IN THE CLAIMS:

Amend the claims as follows.

Claims 1-58. (Canceled)

59. (New) A method for expressing a polypeptide preferentially in glial cells of the central nervous system, the method comprising administering stereotaxically into the central nervous system of a subject a recombinant baculovirus, said baculovirus having a baculovirus envelope protein and comprising a heterologous nucleic acid sequence encoding the polypeptide operatively associated with a CMV (cytomegalovirus) promoter, thereby causing expression of the polypeptide in glial cells.

60. (New) The method according to claim 59, wherein the heterologous nucleic acid sequence encoding a product of therapeutic interest is operatively associated with CMV (cytomegalovirus) promoter, and the product of therapeutic interest is mainly expressed in glial cells.

61. (New) The method according to claim 59, wherein the heterologous nucleic acid sequence is a gene that encodes a compound selected from the group consisting of a hormone, a lymphokine, a growth factor, an enzyme for synthesizing a neurotransmitter, a trophic factor, a protein involved in the metabolism of an amino acid, a protein involved in the metabolism of a lipid, and a protein involved in the metabolism of a carbohydrate.

62. (New) The method according to claim 61, wherein trophic factor is selected from the group consisting of a neurotrophin, a member of the CNTF (Ciliary NeuroTrophic Factor) family, a member of the IGF (Insulin Like Growth Factor) family, and a member of the FGF (Fibroblast Growth Factor) family.

63. (New) The method according to claim 61, wherein the heterologous nucleic acid sequence encodes β -glucuronidase.

64. (New) The method according to claim 62, wherein the neurotrophin is selected from the group consisting of NGF (Nerve Growth Factor), BDNF (Brain-Derived Neurotrophic Factor), NT3 (Neurotrophin-3), NT4/5 (Neurotrophin-4/5), and NT6 (Neurotrophin-6); the member of the CNTF family is selected from the group consisting of CNFT (Ciliary NeuroTrophic Factor), axokine, LIF (Leukemia Inhibitory Factor), IL6 (InterLeukin-6), cardiotrophin, and GDNF (Glial cell line-Derived Neurotrophic Factor); the member of the IGF family is selected from the group consisting of IGF-1 and IGF-2; and the member of the FGF family is selected from the group consisting of FGF1, FGF2, FGF3, FGF4, FGF5, FGF6, FGF7, FGF8, FGF9, and TFG- β (Transforming Growth Factor- β).